

19971228.ba v01\_n852.bam.971228

>From ???@??? Mon Dec 29 02:39:59 1997  
Message-Id: <199712282133.PAA18926@sco.theporch.com>  
Date: Sun, 28 Dec 1997 15:33:10 CST  
Subject: BOATANCHORS digest 1852

BOATANCHORS Digest 1852

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- 6) Re: Meter Faces  
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- 7) Re need help from SX-28 experts  
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by Chris <c\_sieg@conknet.com>
- 9) Re: B&W 1.8-30 Folded Dipole  
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by "OZ8R0" <otterstad@inet.uni-c.dk>
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by kb5ww@juno.com (George T Folse)
- 18) Re SX-28 AVC  
by philip mccoy <dgnova@erols.com>
- 19) more on mil keys

by Randy Zelick <h2rz@odin.cc.pdx.edu>  
20) panadaptor, tek scope f.s.  
by Randy Zelick <h2rz@odin.cc.pdx.edu>  
21) Re: Re SX-28 AVC  
by Bob Roehrig <broehrig@admin.aurora.edu>  
22) Wanted: Ballast Tube ( R80)  
by w8xq@juno.com (JEFF D WILDER)  
23) Wanted: Parted out SX-73 hallicrafters recvr  
by w8xq@juno.com (JEFF D WILDER)  
24) Another SX-28A question  
by Bob Roehrig <broehrig@admin.aurora.edu>  
25) Electric Radio Index - Source now on the Web!  
by "Don Buska" <d.buska@AAIATE.COM>

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Date: Sun, 28 Dec 1997 01:29:20 EST  
From: kb5ww@juno.com (George T Folse)  
To: boatanchors@sco.theporch.com  
Subject: B&W 1.8-30 Folded Dipole  
Message-ID: <19971228.003116.3958.8.kb5ww@juno.com>

Hi All,

Has anyone ever used this dipole? I am thinking about buying one. I would like to know how does this antenna perform, good, fair or bad. I am trying to set up something for 160 on a city lot that will work better than a long wire.

Thanks 73s,

George Folse III KB5WWO kb5ww@juno.com  
630 Dolhonde St.  
Gretna, La. 70053  
504-362-1896 ph/fax  
Collector of Johnson, Heath, & Atwater Kent AMI#937

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Date: Sun, 28 Dec 1997 03:43:11 -0500  
From: Ed Tanton <n4xy@bellsouth.net>  
To: kb5ww@juno.com  
Cc: boatanchors@theporch.com  
Subject: Re: B&W 1.8-30 Folded Dipole (medium long)  
Message-ID: <3.0.1.32.19971228034311.00b6a260@mail.atl.bellsouth.net>

Hi George... I used one for quite a while BEFORE it included 160M. It did pretty much what they said it should do. I was into QRO (and RTTY!) mostly, at the time, and put 1500W into it several times too many, for several lon-n-ng minutes too many, ultimately burning out the "loading element"

they use. This is probably no more than a several hundred-as many as 900-ohm non-inductive resistor(s). The antenna is apparently a more-or-less a T2FD. My results were VERY satisfactory. As I said, it did what they claimed, and it did it pretty well, with usually good signal reports rcvd. It's pattern seemed more-or-less omnidirectional. Maybe, maybe not, since it was broadside to Europe and most of Central/SA. Best band was 40M-DX & stateside. 80M worked OK-but was better locally than for DX.

I ultimately switched to a G5RV due to the resistor/whatever burning up (B&W [then in VA?] replaced ONE, said "don't ask again-if you're gonna run QRO power into it") as well as it then coming down due to weight and something breaking-I forget exactly what. The G5RV as I originally put it up (@ ~50-60') worked about as well-perhaps better for DX. It was absolutely NOT maintainable at that height. My trees would-sooner or later-move in opposite directions during a thunderstorm, and no weights/pulleys/sliding weights/springs combination would prevent a break in #12 copperweld of the antenna, or similar stranded steel guy wire on the support side (e.g. NOT the electrical part of the antenna.) After the 4th or 5th try, I finally gave up and lowered the thing to about 35 feet and it has been up years now. But has been a POOR substitute.

The point is that the original B&W antenna was at only the lower height, and worked ~ as well

-OK: IMHO-as the G5RV did at the 20' or so \*\* higher\*\* position. Either antenna beat the socks off the present, lower, G5RV (35')!!!

I recently ran into something interesting in my Amatuer Electronic Supply online catalog: they are now making a stainless steel version of the antenna-not to mention it being good for 160 as well. I ordered one immediately, and have not had the chance to put it up... but it looks great, much like my old one, but made from SS stranded wire/etc. The B&W that made it is now in FLA and there was NO warranty or registration card. But I reckon they could be found if it came to it.

I really liked the way this antenna worked at the time I had one up. I expect its 160M operation is not going to knock your socks off, but I also figure it'll do a decent enough job of it. It's a nice chunk of wire. It IS largish, using ~ 18 inch spacing, but once up, I always thought it just really LOOKED like a good antenna!!!! Worked like one too.

So there you are. The SS version is ~\$250, compared to the 'regular' copperweld one (~\$180.) The SS version is the way to go in my book. Probably stronger too.

Let me know if you have any other questions.

Ed Tanton    N4XY                                 EMAIL: n4xy@bellsouth.net  
189 Pioneer Trail  
Marietta, GA   30068-3466                      TEL: (770)579-3933 V/MBX/FAX

"Think you can, think you can't: either way you're right!"      Henry Ford

Date: Sun, 28 Dec 1997 08:12:40 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
To: BoatAnchors <boatanchors@theporch.com>  
Subject: Meter Faces  
Message-ID: <34A66C15.7F96@lobo.net>

The old way to do it entailed erasing, India ink, a drafting set, rub-on lettering, skill, lots of time, and some luck.

For the new computer age, here's what I have been doing with considerable success...: I have a Macintosh..but a PC will do :-).

1. Scan the old meter face with high resolution, and save it.
2. Import it into Photoshop
  - a. If you're repairing a face, do it...easy job with the eyedropper tool and a brush, etc.
  - b. If you are redrawing the face to use for another purpose, erase

all but the calibration scale. Add the numbers and lettering.

3. Save this file, and then print it out on high quality paper. If it is color, and you only have a B/W printer, take it on a disk to a friend, or to Alphagraphics or Kinkos..(about \$5).
4. Cut it out, make holes (poke with a sharp object and trim excess), for the screws, and glue it to the original dial face wit UHU stick cement. This stuff is great, leaves no mess, and will stay stuck for years..I use it on panel labels which are first covered with clear tape.

Happy dial facing..and new Years, too.  
Herb Rosenthal W5AN

Date: Sun, 28 Dec 1997 09:34:25 -0600 (CST)  
From: Spencer Petri <spetri@e-tex.com>  
To: boatanchors@theporch.com  
Subject: More Tek Delay  
Message-ID: <199712281534.JAA10848@sco.theporch.com>

Update,

After receiving a couple answers regarding my inquiry for a delay switch, and finding that they are becoming harder to get, I've decided to use a push button switch to lock on a relay until the power is turned off. Hope it will save the trouble of looking for a delay switch the next time.

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....  
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/626 Grids  
.....  
2 Mtr -- 36 States -- VUCC #346/183 Grids

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Date: Sun, 28 Dec 1997 08:39:13 -0700  
From: "August H. Johnson" <kg7bz@whitemtns.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Component Data on Web  
Message-ID: <34A672A1.30E8@whitemtns.com>

Hi Gang,

Well, I've had quite a bit of interest in the idea of having a web site that makes available copies of many different component data sheets/catalogs. I'm willing to put whatever I can get ahold of online. I guess my first step is to see what data is available, in what form, and figure out how to organize and present it. This sure could help lots of us who need information on transformers, etc.

Anyone who has ideas as to the best(?) way to display this information (.GIF, .PDF, etc.) please contact me directly, not on the list. Anyone who has data sheets, catalogs and so on that they feel would be appropriate, please do the same. In fact, if you have stuff that you want to sell of that type, let me know, I probably ought to acquire it so I can scan it directly. If you've got access to a scanner, I can accept emailed contributions. Please don't send any data until I've figured out what's available and how to get it. I'll certainly pay postage on any contributions and can probably help with

copying costs if necessary.

I'll welcome and comments and questions. Thanks, Bobbi, for bringing the idea up!

73,  
August

--

August Johnson KG7BZ AMI 733  
P.O. Box 2231  
Show Low, AZ 85901-2231

<http://www.whitemtns.com/~kg7bz>  
<mailto:kg7bz@whitemtns.com>

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Date: Sun, 28 Dec 1997 10:50:36 -0500  
From: "Peter Ferrand" <petef@sprynet.com>  
To: <herbrose@lobo.net>, "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Meter Faces  
Message-ID: <01bd13a8\$5693c440\$9f6cafce@SPRY409434>

-----Original Message-----

From: Herbert M. Rosenthal <herbrose@lobo.net>  
To: Old Tube Radios <boatanchors@theporch.com>

>The old way to do it entailed erasing, India ink, a drafting set, rub-on

<snip>

>I use it on panel labels which are first covered with clear tape.

Which brings up the question of: "How do you make panel labels?"

Little white bits of paper with black lettering would work but never did catch on in the commercial or mil spec fields. There must be a better and easier way.

-Pete  
WB2QLL  
[petef@sprynet.com](mailto:petef@sprynet.com)

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Date: Sun, 28 Dec 1997 11:20:19 -0800  
From: "James R. Binkley" <w4aos@his.com>  
To: boatanchors@theporch.com  
Cc: broehrig@admin.aurora.edu  
Subject: Re need help from SX-28 experts  
Message-ID: <34A6A673.44A1E58D@his.com>

Bob Roehrig writes:

<<it would seem to me that with  
the front end AGC being determined by the very broad IF bandwidth,  
gain would be reduced by strong off channel signals that would not  
appear in the narrower IF, which is used for the actual detector.  
Seems to me this would not be desirable.>>

Bob, well I'm certainly not an SX-28 expert (or any other kind of expert  
for that matter), but no reason to let a little detail like that stand  
in the way of putting in my \$0.02 worth. I have been restoring an SX-28A  
for some time now, and like you have wondered about the designers reason  
for adapting this dual AGC approach. I am not familiar with any other  
Boatanchor which uses this technique (that probably means that there are  
50 which do). I think that perhaps the RF AGC's ability to respond more  
or less independently to strong signals, further away in frequency, than  
the IF AGC can is the very reason for using it. There is probably more  
gain than necessary in the front end of all these Boatanchor receivers.  
Modern practice is to carefully distribute the receiver gain, putting as  
much of it as possible after the bandwidth limiting filter, within the  
constraints of good noise figure performance. This limits third order  
intermodulation, which is the bane of all superheterodynes operating in  
a crowded high signal strength environment (read any ham band). By  
letting a separate AGC control the broad RF stages (which are still  
useful to improve image rejection), the RF gain is reduced in the  
presence of the strong adjacent signals resulting in a cleaner signal,  
(weaker third order products), being passed on to the IF system.

<<One thought I had was to maybe change the whole AGC system over to  
the more conventional method and change the then unused 6B8 stage as  
a product detector.>>

My SX-28 is playing now and does fine in the stock configuration, my  
advice: "if it ain't broke, don't fix it"

<<I am also not fond of the description given for the IF alignment.  
Aligning the xtal filter is confusing as hell. Anyone gone through this  
and have a better method?>>

Amen to that Bob, I would like to have a better Xtal Filter alignment  
description, anyone out there have any advice?

73 Bob w4aos@his.com

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Date: Sun, 28 Dec 97 11:26:13  
From: Chris <c\_sieg@conknet.com>  
To: w5sum@ms1.nwla.com, baswaplist@foothil.net, boatanchors@theporch.com  
Subject: RE: Handbooks wanted  
Message-ID: <Chameleon.883326467.c\_sieg@mecs.conknet.com>

I put some war year QSTs on E-Bay. You might want to take a look.

TNX  
-Chris

<http://iguana.ebay2.com/aw-cgi/eBayISAPI.dll?ViewItem&item=3405886>

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Date: Sun, 28 Dec 1997 11:38:56 +0900  
From: "William B. Ross" <billross@txdirect.net>  
To: kb5www@juno.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: B&W 1.8-30 Folded Dipole  
Message-ID: <34A5BBC0.B8A7F3BA@txdirect.net>

George:

If this is the B&W system that has the large resistor pack in the center of the dipole, I had one and burned up the resistor with a BC610 blowing on it. It was an excellent receiving antenna and would probably work well at lower power levels (less than 300 watts AM or about 1KW PEP).

Bill Ross K5LLK

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Date: Sun, 28 Dec 1997 09:01:51 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <w4aos@his.com>  
Subject: Re: Re need help from SX-28 experts  
Message-ID: <199712281700.JAA20226@mail2.sirius.com>

Amen comes at the end of prayers and I have'nt had much results praying for help when working on boatanchors! Glad I joined BA.



I too got fed up with xtal filter alignments so I tried sweep alignment. Problem is you need ULTRA SLOW sweep. The xtal takes quite a while to ring down; 60 Hz sweep, what you get from your garden variety sweeper, gives you a badly distorted curve. Using a function generator (yes, I know, but mine was made in 1968, so I'll sneak this one in) with sweep capability, I found that I could get an accurate display at about 3 to 6 cps (Hertz, doesn't it?). It's a little difficult to observe on a short persistence crt. Turn the lights down but don't forget where the high voltage is! Anybody wanna try this?

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Sun, 28 Dec 1997 17:08:29 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: w4aos <w4aos@his.com>  
Cc: boatanchors <boatanchors@theporch.com>  
Subject: Re: Re adjusting agc functions  
Message-ID: <199712281708.RAA19895@punt1.hw.ac.uk>

Your posting reminded me of something we tried when at school, mid '50s. There were a few v high power MW stations, and an Army Signals unit putting out a lot under 10 MHz, nearby; but we wanted to listen to some DX.

One approach we tried - and I cannot remember why we stopped, which is why I'm posting this - was 2 back-to-back germanium diodes to limit the peak RF voltage.

At first we put them across the front end (antenna) but they improved only the rejection of the strongest signals. Come to think of it, we must have been getting 0.2 V at least at the aerial.

Then we tried AFTER the first tuned RF stage. They DID bring about some improvement. Probably they also generated endless harmonics of the signal frequency; but that is unlikely to have interfered with, or degraded, anything else (either later on in our own rxes, or further afield).

But I'm pretty sure we abandoned the idea. Maybe we just chanced to have agc which worked as well or better.

Thinking along similar lines, I've seen diodes used in AF stages as noise limiters but of course they create objectionable audio distortion.

The interference limiter circuits designed for TV are of interest (but I'm way off topic now). (1) A simple diode clamp: anode of amplifier to cathode of diode; diode anode to a VR across HT+ (with C bypass from diode anode to deck); (2) RC pulse-width limiter in AF amplifier chain; (3) C and diode feedback from grid to cathode of CRT but usable in audio stage; (4) from amplifier anode, C and R in series to deck with diode across R (anode to deck).

(Valve or silicon diodes usually; conduction from 0.2 V not desirable.)  
(Thinks: why not try zeners and let even more audio through before clipping spikes off?) (Oops - wash my mouth out.....)

Sorry; this started with a discussion of AGC techniques having less-than-obvious modi operandorum.

(Should that be modus, 4th declension plural?)

Bill, aka maestro@cix.co.uk.

GM8APX, qthr=No 6, EH4 6JY==Cave felem==No Rectangulars=Ikke Hawkering

Si domi sum, foris est animus; sin foris sum, animus est domi

Net-Tamer V 1.10 - Registered

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Date: Sun, 28 Dec 1997 17:12:32 -0000

From: "OZ8R0" <otterstad@inet.uni-c.dk>

To: <kc5ijd@sprintmail.com>, "Old Tube Radios" <boatanchors@theporch.com>

Subject: Re: ea52 (only)

Message-ID: <199712281710.SAA18074@inet.uni2.dk>

> dg>single diode with 6 volt filament. I think WW2 british tube.

> > dg>for PFL200 (can't find; only once heard of PFL before.)

>

PFL 200 listed as Double pentode Filament 17V, 0.3 A  
decal socket.

>

> >Re EA52, I can add only this: anode 100 V at 0.3 mA; first noted between  
> >1954 and 1956, maker Mullard. USED to think it was for TV but that  
> >doesn't seem to make sense. AM detector? Early FM detector more like  
> >(take 2 of.)  
>  
>

The Philips book lists this as microwave tube,: measuring diode.

73

Rag Otterstad OZ8RO in Copenhagen suburb of Birkerod.  
Also JW5HE LA5HE. Previously held:G5BHQ HB9XCG  
Collector of W.W.2 German military radio sets, Clandestine sets all  
periods.  
QRA : Hosterkobvej 10. DK 3460 Birkerod  
Tel ---45- 4281 5205 evenings.  
Daytime tel. ---45 - 4497 3366  
I work for MEC A/S, manufacturer of high quality and good looking  
pushbutton switches.  
If you are designing electronics equipment please check our home page :  
<http://www.mec.dk>

To know more about my ham background try :  
<http://www.webspawner.com/users/oz8ro/>

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Date: Sun, 28 Dec 97 11:15:01 CST  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: Posting Admin Requests  
Message-ID: <199712281715.LAA17736@jackatak.theporch.com>

Gang-

Please accept this periodic posting as it is intended:  
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming  
to you, or if you have problems with someone else's mail, PLEASE address

any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is \*especially\* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE \*especially\* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

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Date: Sun, 28 Dec 1997 12:44:42 -0500 (EST)

From: "Roberta J. Barmore" <rbarmore@indy.net>

To: Peter Ferrand <petef@sprynet.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Meter Faces

Message-ID: <Pine.SUN.3.96.971228120358.29400A-100000@indy3>

Hi!

On Sun, 28 Dec 1997, Peter Ferrand wrote:

> Which brings up the question of: "How do you make panel labels?"

> Little white bits of paper with black lettering would work [...]

Three ways, in order of complexity:

The current RSGB HB shows several examples of paper labels (inked, typed, dry-transfer, laser-printed, whatever) sandwiched under Plexiglas or Perspex (or clear-plastic-of-choice, 1/16" or thicker). Looks good, fairly easy to change. The most effective method uses one sheet of paper under a sheet of plex for the \*whole\* front panel. You have to have another panel behind it all, of course, and chose something that won't fade over time.

Dry-transfer lettering with \*several\* coats of clear finish over 'em. This is what I do for HB gear--paint it black (usually a wrinkle or spatter finish), letter it, and give it many light coats over several days. One side-effect is that the clear finish fills in wrinkle a bit (making it shed dust better!) without changing the look of it. Very difficult to change and applying white letters to a black panel can be tricky--you have to lay white paper under the panel and/or back light it to find the control holes accurately. It takes some practice to get it right--some clear enamels will make the lettering wrinkle up, yet you need a good thick coat to protect it. There are also water-release decals that work well; process is otherwise the same.

Photometal can look \*very\* good, similar to the nomenclature tags on old mil sets, or the small metal labels found on older ham gear (used to be able to buy 'em from Crowe & Gordon Specialities, among others). Downside is that it's tricky to work with and can be a \*beast\* to cut to shape nicely. But any amateur photog with a basement darkroom will find it a snap to use. Fastest way it to do the labels on clear film with opaque ink or transfers, and just "contact print" from the film to the metal in sunlight; this works just like a photo negative, so you get metal-colored letters on black in the finished label. You can copy old dial plates &c with photometal, using standard photographic techniques. 3M makes (or did, at least) a version with self-adhesive backing. (Dick Smith Electronics sold the 3M version during their few years in the US, only retail source I ever found; but the Usual Suspects like Small Parts, McMaster-Carr, Grainger, et al may have it).

...Oh, a few other thoughts: if you've got the money, a decent sign & nameplate shop can make up small engraved labels that look nice. The better ones can even do the old photo-etched labels. But it's expensive, the photo-etched stuff especially. Some places will engrave your panel directly, a nice look if you start with anodized aluminium or fill the lettering later.

A little cheaper but \*really\* nice-looking is to find a silkscreen shop. Usually they can work from your supplied artwork, and charges are per screen; so it pays to find out how big a screen they use, and fasten your panels together to make up a "package" that size, with artwork to match. We do some projects for the TV station that way--costs approx. \$150.00 for a 24"-square screen, one color (but we may be getting a deal,

one of the techs is related to the fellow who runs the silkscreen shop).

Lower-tech, it's possible to make Dymo labelling look not too awful. (Matching the panel color, or color-coding per function; and you need a \*good\* Dymo machine to pull it off). The new labelmakers that print on sticky tape (and the big old Kroy machines that preceded them) can also look decent; but it's fairly fragile. Another way is to buy the tiny brass frames you can find at hardware stores (like the ones on old filing system drawers), and insert typed labels. (I used them at work on the dry-nitrogen distribution manifold). The larger ones make fine "chart frames" for logging dial settings on the front of a piece of gear. Last of all, you can use number/letter punches on thin sheet metal--tricky to get right but very durable; some Dymo machines will do this with metal tapes, even. Very limited choice of fonts.

73,

--Bobbi

-----  
Date: Sun, 28 Dec 1997 14:10:30 EST  
From: Jderm740 <Jderm740@aol.com>  
To: boatanchors@theporch.com  
Subject: Tubes in strange places  
Message-ID: <65de75f3.34a6a428@aol.com>

Hi All

There is one place where there were tubes that drove most of us nuts. We hated them. We cursed them. And we didn't know they were what was making our lives miserable. Would you believe, Traffic Signals.

When I got out of the Air Force in 1952 my first job was with Automatic Signal Corp. in East Norwalk, Ct. I was a harness maker.

Their controllers were all relays and 2D21s. The relays were multi contact stacks and stepper types and all controlled by these timed-counter discharge circuits.

Adjustment for each function was a pot that changed the firing time on each circuit.

I made the harnesses for these monsters using big boards that represented the wiring path for the machine in question. You used a reel of wire of about 5000 feet and never cut until you came to the end of the harness layout. You had a direction sheet that lead you from one contact point to another. You folded the wire into a loop and pushed it through a hole in the board that represented that contact point and then went on to the next stop. Ect., ect., ect.

Next you had to tie all this wire into a solid harness using proper electric harness lacing knots. This was done using double strands of waxed twine and pulling it as tight as possible. My right hand increased two sizes in six months and 50 years later I still have a hard time buying gloves.

What a rotten job

Jack

-----  
Date: Sun, 28 Dec 1997 14:30:21 EST  
From: kb5wwwo@juno.com (George T Folse)  
To: boatanchors@sco.theporch.com  
Subject: Re: B&W 1.8-3.0 Dipole  
Message-ID: <19971228.133151.9398.0.kb5wwwo@juno.com>

All

Thanks to all for the info.

73s

George Folse III KB5WWO kb5wwwo@juno.com  
630 Dolhonde St.  
Gretna,La. 70053  
504-362-1896 ph/fax  
Collector of Johnson,Heath,& Atwater Kent AMI#937

-----  
Date: Sun, 28 Dec 1997 14:30:21 EST  
From: kb5wwwo@juno.com (George T Folse)  
To: boatanchors@sco.theporch.com  
Subject: Repeater on 29.0  
Message-ID: <19971228.133151.9398.1.kb5wwwo@juno.com>

All

What is going on here,now someone has a repeater on 29.0. As far as I know repeaters are to be between 29.5 to 29.7. There was a group of AMers on this morning and we all had to move because of the stupid repeater. The call I got from the ID is NI7H. What Gives?

George Folse III KB5WWO kb5wwwo@juno.com  
630 Dolhonde St.  
Gretna,La. 70053  
504-362-1896 ph/fax  
Collector of Johnson,Heath,& Atwater Kent AMI#937

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Date: Sun, 28 Dec 97 15:34:30 -0800  
From: philip mccooy <dgnova@erols.com>  
To: boatanchors@sco.theporch.com

Subject: Re SX-28 AVC  
Message-ID: <199712281956.0AA17059@smtp2.erols.com>

I don't have the SX-28 schematic in front of me, but the AVC that you are talking about, is it by any chance a "Lamb noise silencer"? This has a 6L7, a 6J7 and a 6H6. The signal is applied to the 6L7 and the 6J7, which amplifies the signal and sends it to the 6H6 full wave detector, the rectified output being sent to the second grid of the 6L7. This is the best noise eliminator for pulse noise.

Philip McCoy dgnova@erols.com

-----  
Date: Sun, 28 Dec 1997 12:58:23 -0800 (PST)  
From: Randy Zelick <h2rz@odin.cc.pdx.edu>  
To: Posting Boatanchors <boatanchors@theporch.com>  
Subject: more on mil keys  
Message-ID: <Pine.PTX.3.91.971228083953.12114A-100000@odin.cc.pdx.edu>

Hi folks,

Well I am sorta here - borrowed a computer and dial long distance to my home computer to check BA mail -- now that is dedication.

For the folks who have responded in the last few days about the mil keys - I will deal with this when I get back to Portland after next weekend. Hang on, I've saved all your messages.

=Randy=

R. Zelick  
Department of Organismal Biology  
Portland State University  
P.O. Box 751  
Portland, OR 97207  
503-725-3086 (voice), 503-725-3888 (fax)  
email: h2rz@odin.cc.pdx.edu  
web: <http://odin.cc.pdx.edu/~h2rz/>

-----  
Date: Sun, 28 Dec 1997 13:09:39 -0800 (PST)



From: Randy Zelick <h2rz@odin.cc.pdx.edu>  
To: Posting Boatanchors <boatanchors@theporch.com>  
Subject: panadaptor, tek scope f.s.  
Message-ID: <Pine.PTX.3.91.971228125827.8267A-100000@odin.cc.pdx.edu>

I unexpectedly need to get rid of a few things from my mom's house in San Diego. These were to accompany me back to Portland, but you know how it goes with plans (sigh).

So...

#### 1. Nems-Clark Spectrum Display Unit.

Rack mount unit about 8 inches high. Has controls: power, sweepwidth, center freq, gain and a "professional" add-on switch to control multiple receiver inputs. There is a knob on an 18 inch shaft to the rear where is bracket-mounted a sealed, BNC-connector rotary coax switch. The knob has a decal added to the front panel to indicate "receiver 4, receiver 5, receiver 6, off".

There is a front-panel hinged cover hiding the following additional controls: vpos, hpos, hgain, sweep, astig, focus, int, sync.

Tube compliment: 16 (12AU7, 6AU6 and the like) + 3RP1A CRT, which gives approximately a 3 inch square viewing area.

Condition is pretty good. Storage grime here and there which will clean up easily. Two paint stripes on the front panel run vertically where the rack mount screw slots are. This is an old trade item, no info available. Haven't a clue if it works but seems complete and not abused.

The most critical piece of missing information is the I.F. freq it expects!

Price is \$45.00 (with coax switch it has this value in parts!) and you pay shipping from 92106.

#### 2. Tektronix classic mother of all classic scopes: RM545B.

This is the rack mount version of the 545B which includes its own cabinet and rack mount slides inside the cabinet. Works kinda - needs switch/pot cleaning and alignment, but has nice bright trace and is in excellent cosmetic condition. Includes CA plug-in. This one is somewhat rare, according to Stan G. Because the front panel is engraved.

Price is \$75.00 \*pick-up only\* in San Diego.

Also, a want:

I need a power cord or just the connector for a R-1444 military receiver. Alternatively, if someone can tell me if there is a mil nomenclature for the connector to make it easier to hunt, that would be appreciated. I'll also be looking for a manual/copy. Thanks.

I will be at 619-222-9094 (no message machine unfortunately) through next Friday, and will check email as often as I can.

Cheers,

=Randy=s|01. I need a power cable or just connector f

R. Zelick  
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web: <http://odin.cc.pdx.edu/~h2rz/>

-----  
Date: Sun, 28 Dec 1997 15:18:25 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: philip mccooy <dgnova@erols.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Re SX-28 AVC  
Message-ID: <Pine.ULT.3.96.971228151701.12761B-100000@admin.aurora.edu>

On Sun, 28 Dec 1997, philip mccooy wrote:

> I don't have the SX-28 schematic in front of me, but the  
> AVC that you are talking about, is it by any chance a "Lamb  
> noise silencer"?

Yes, you are correct, but that is a separate circuit from the broad IF derived AGC. It is also taken from the output of the mixer - not after the selective IF.

"Nostalgia is a thing of the past"  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

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Date: Sun, 28 Dec 1997 16:22:09 EST  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Subject: Wanted: Ballast Tube ( R80)  
Message-ID: <19971228.162515.5255.3.W8XQ@juno.com>

Hello,  
I'm looking for the ballast tube R80.

" Forever AM "  
Jeff D Wilder ( W8XQ )  
Email : w8xq@juno.com  
Phone: (616) 381-4133

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Date: Sun, 28 Dec 1997 16:22:08 EST  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Subject: Wanted: Parted out SX-73 hallicrafters recvr  
Message-ID: <19971228.162515.5255.2.W8XQ@juno.com>

Hello,  
Is there anyone out here parting out thir SX-73 recvr ?

" Forever AM "  
Jeff D Wilder ( W8XQ )  
Email : w8xq@juno.com  
Phone: (616) 381-4133

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Date: Sun, 28 Dec 1997 15:25:57 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: Another SX-28A question  
Message-ID: <Pine.ULT.3.96.971228152107.12761C-100000@admin.aurora.edu>

Relating to IF and AGC discussion, I checked the sensitivity of this unit and came up with the following microvolt readings to obtain S-9 on the meter:

FREQ LEVEL(uv)\*

1.2MC	3000
2.5	500
5.0	300
10	300
15	1000
30	1400

\* This is level set on 50 ohm generator - applied directly to antenna input - no "dummy load" so actual output would really be higher since input Z is 300-400 ohms.

Have any of you taken similar readings? Seems kind of "scotch" to me, nowever at 30MC I can easily hear a 1uv signal so I don't think the sensitivity is actually down.

"Nostalgia is a thing of the past"

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Sun, 28 Dec 1997 15:26:49 -0600  
From: "Don Buska" <d.buska@AAIATE.COM>  
To: "Boatanchors Tempe" <boatanchors@LISTSERV.TEMPE.GOV>,  
"BA Swaplist" <baswaplist@foothill.net>,  
Cc: "Wiseman, Barry" <er@frontier.net>  
Subject: Electric Radio Index - Source now on the Web!  
Message-ID: <97Dec28.154544cst.33154@gateway.aaiate.com>

I've gotten around to getting a web page together in the last few weeks. Thus the free computerised version of the Electric Radio magazine cumulative index (through issue 103) is available off of my web site.

URL - <http://www.qsl.net/n9oo>

I also provide links to other sites which are distributing some of the various ER Index files or have on-line viewing available.

Enjoy es 73

Don N900

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*****
**                                     **
** Don Buska N900 (EN62bo)           Principal Engineer      **
** 4805 64th Ave. Kenosha, WI 53144  Advantest America Inc.  **
** (414)654-0072                     (847)821-3393           **
** d.buska@aaiate.com                 fax (847)634-2872       **
**                                     **
**          ----- Wants ----- **
** ARRL-LM | James Millen Equipment | CSHVFS **
** AWA      | Transmitters by Thordarson, Stancor, | NTMS  **
** AMI      | UTC and other transformer companies. | **
** CCA      | Receiver: National NC-101XA w/speaker | **
** QCWA     | Magazines: 73 Mag's from 1960/61      | **
**                                     **
**          Home of the ER Index at http://www.qsl.net/n9oo **
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End of BOATANCHORS Digest 1852

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